

## Efficient Lighting

### At a Glance

**Start-Up Costs:** Most public utilities will reimburse the costs to retrofit lighting equipment, oftentimes reimbursing 100 percent.

**Cost Savings:** The cost savings can be seen immediately in reduced utility bills.

**Role in Sustainability:** Reduces energy consumption and light pollution.

**Role in Public Safety:** Offenders can assist with the installation project, which provides them with job skills they can use after they complete their sentences.



### Program Summary

Because prisons are 24/7 residential facilities they burn a lot of electricity. One way to significantly reduce operational costs and energy consumption is to replace lighting fixtures, ballasts and bulbs with more energy-efficient equipment. Most utility companies offer incentives for making facilities more energy efficient

using utility incentives and in-house labor. Most prisons can be reimbursed up to 100 percent when a retro-fit project is completed.

Prisons can also be reimbursed after installing motion detectors which decrease the number of hours unoccupied rooms are lit.

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On the Web

[SUSTAINABILITY AT DOC](#)

# Action Plan: Efficient Lighting

## Step by Step

**Step 1:** Select an area in the prison to be retrofitted.

**Step 2:** Designate a project manager.

**Step 3:** Contact your local utility company and arrange for a representative to audit the current lighting system.

**Step 4:** The utility company will place temporary monitoring equipment to gather baseline data.

**Step 5:** The utility company will calculate how much energy will be saved with retrofitted lighting equipment.

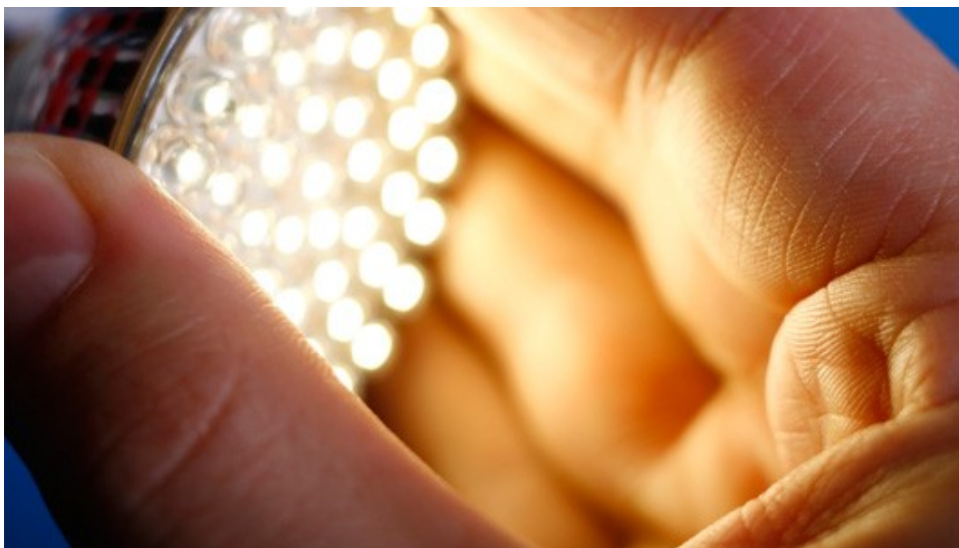
**Step 6:** The utility company will issue a project agreement that states the maximum incentive amount will be.

**Step 7:** Purchase and install new lighting equipment.

**Step 8:** Contact the utility company after the installation is complete so you can be reimbursed.

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## Testimonials

“At Monroe Correctional Complex we chose several small projects. The process is very simple and painless, and the energy savings are significant.”

— Sherman Smith  
Environmental Specialist  
Monroe Correctional Complex

“Replacing lamps is routine maintenance, but with incentives from the local utility we re-lamped 32-watt T-8 fluorescent lamps with 25 lamps that contained less mercury. The payback was less than three years for work we would have done anyway, and we save about \$12,000 each year.”

— Chris Idso  
Plant Manager  
Stafford Creek Corrections Center

## Participating Prisons

- Monroe Correctional Complex
- Stafford Creek Corrections Center

